ACCESS TECHNOLOGIES INTERNATIONAL

SA-ATM-1

Installation User Manual

access technologies international
ENGINEERED SYSTEMS

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1.- Introduction:

The SA-ATM-1 Access Control System provides state-of-the-art magnetic stripe access control for your ATM Vestibule.

The SA-ATM-1 Controller is an insertion magnetic stripe card access control system. This unit supports 1 insertion magnetic stripe card reader with 1 relay output, and 1 input. The SA-ATM-1 also supports Synergistics card reader. The SA-ATM-1 provides Egress and Auto Relock features.

1.1- Standard Features:

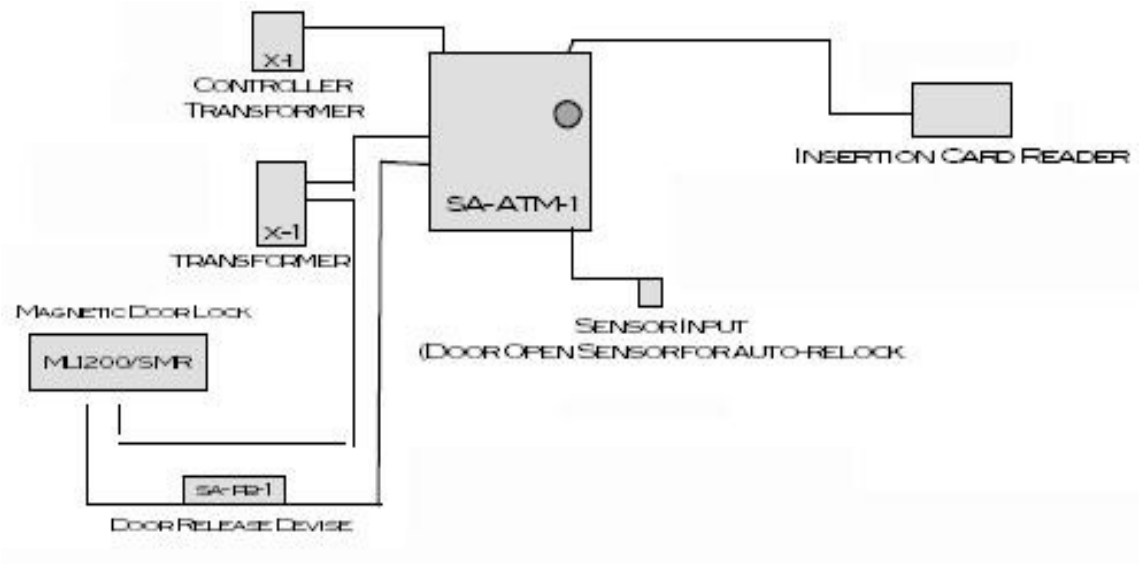
- Magnetic Stripe Track Two Insert Card Reader with Tri-Color LED.
- Two Output Relay Contacts for Door Release Control.
- Auto Relock Input Point for door sensor kit.
- Test Button for Output Relay.
- Card Reader Override Switch.
- Egress Input Option
- Door Lock Open Time interval (3 - 13 seconds).

1.2- Equipment Options:

- Door Sensor Kit
- Piezo Buzzer
- Card Insert Graphic Instruction Sticker
- Surge Protector or Uninterruptible Power Supply
- Post/Surface Mount Card Reader Enclosure
- Card Reader Adapter Spacer Plates

2.- SA-ATM-1 Controller

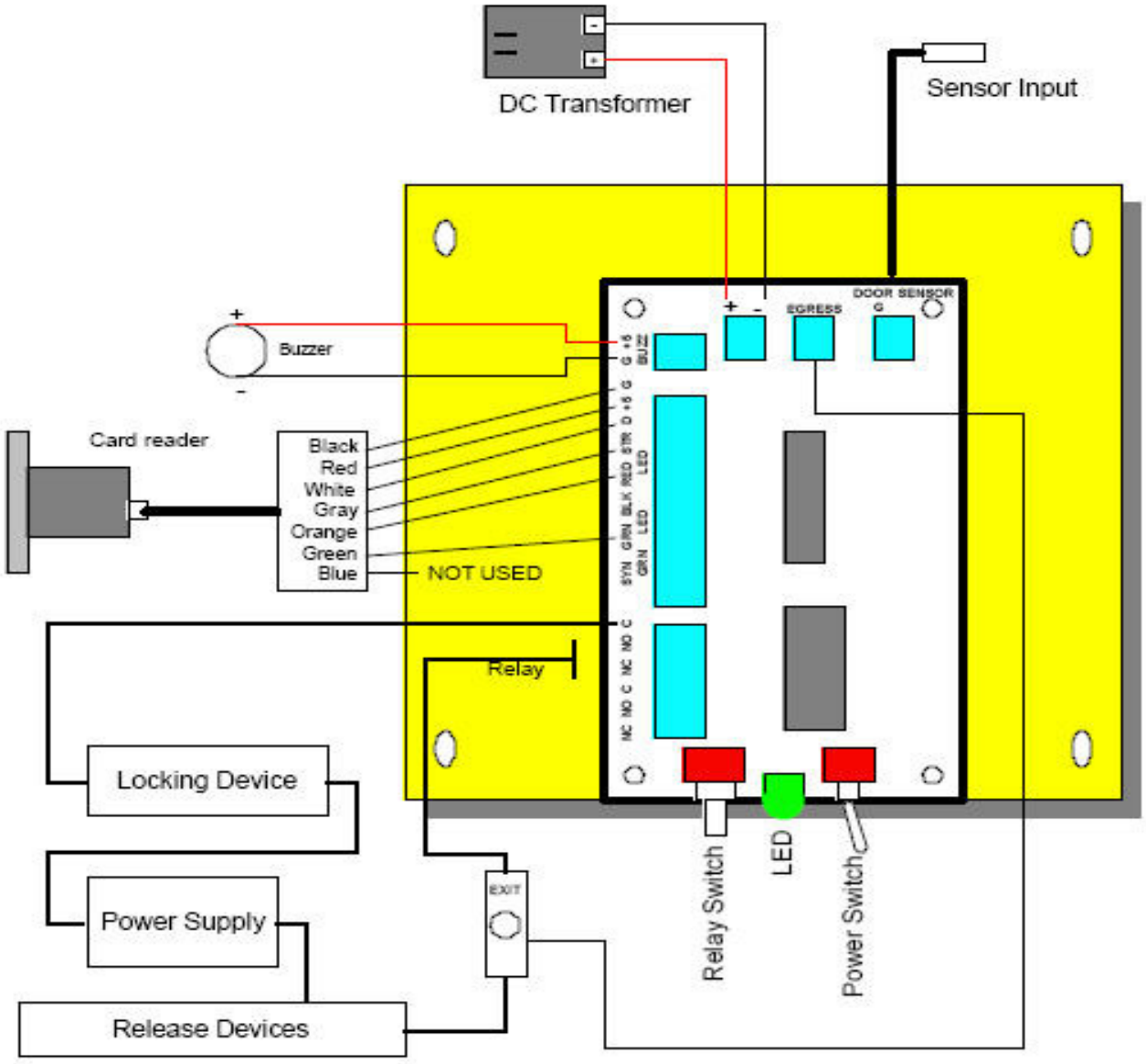
2.1- Configuration Diagram:



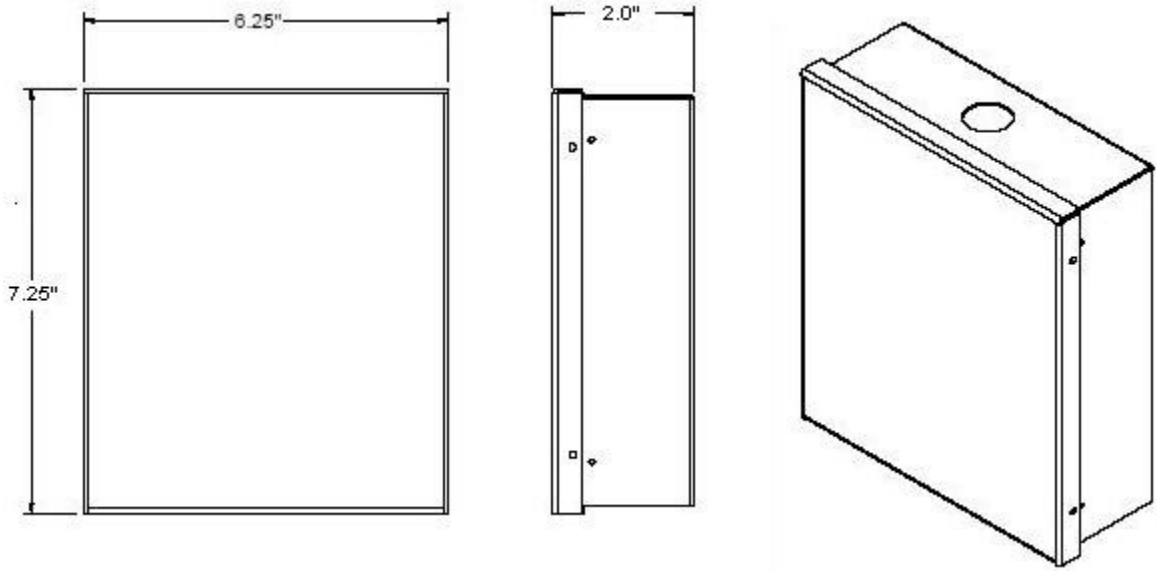
2.2- Controller Specifications:

- Card Reader Construction: Anodized Aluminum Bezel. Stainless Steel Casing.
- Controller Construction: Powder Coated Galvanized Steel.
- Power Supply: Output: 12 V 500mA - Input: 120 VAC 60 HZ 9W.
- Operating Environment: Temperature -20° to +140° F. Humidity 5% - 95% non-condensing.
- Output Relay: Form C dry contact 120V @ 3A.
- Shipping Weight: 10 lbs.

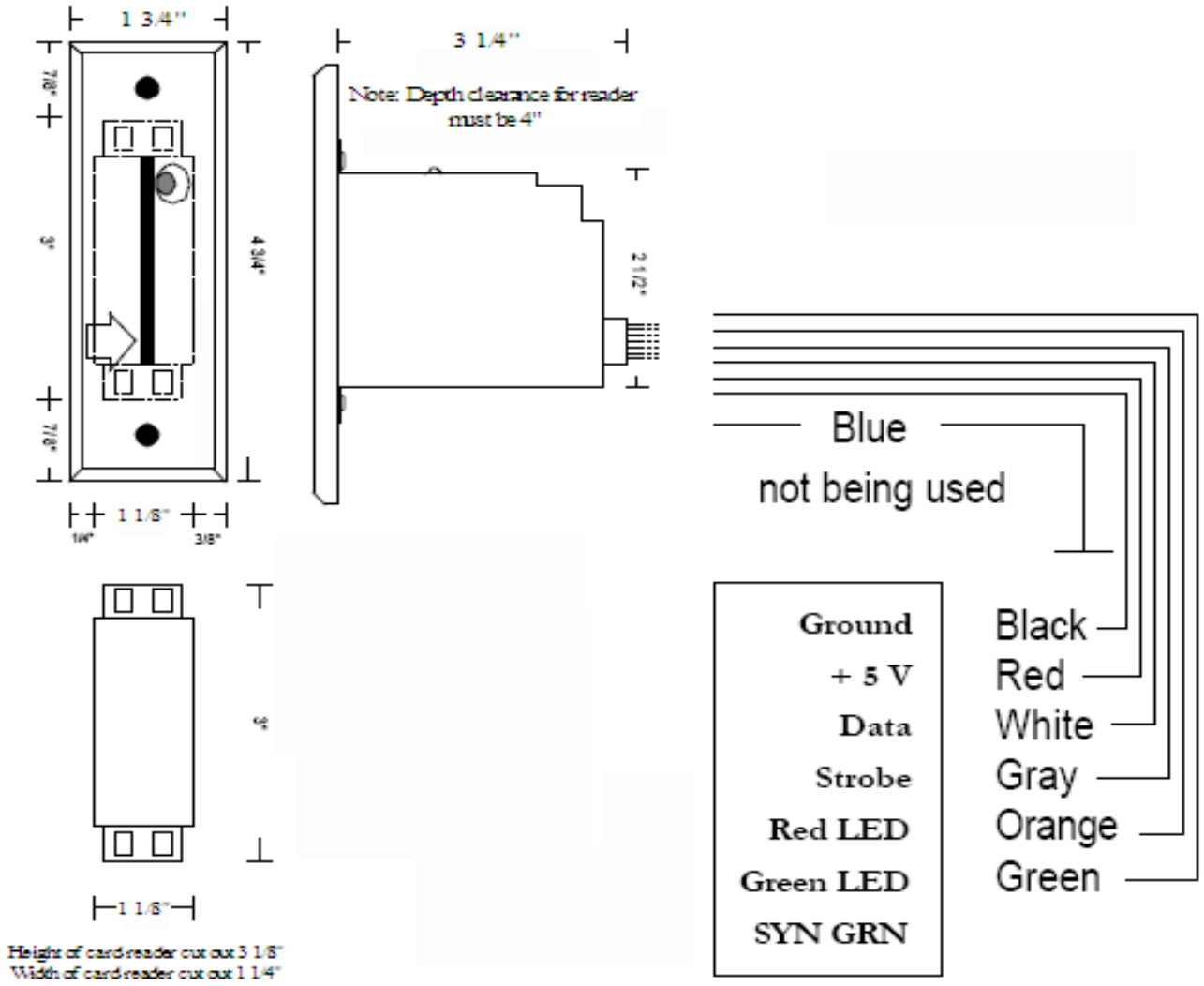
2.3- Installation Diagram:



2.4 SA-ATM-1 Enclosure Dimensions:



3.- SA-ATM-1 Insertion Reader wiring diagram:


1 3/4"
7/8"
3"
7/8"
4 3/4"
1 1/8"
1/4"
3/8"
3 1/4"
Note: Depth clearance for reader must be 4"
2 1/2"
3"
1 1/8"
Height of card reader cut out 3 1/8"
Width of card reader cut out 1 1/4"
Blue
not being used
Ground
+ 5 V
Data
Strobe
Red LED
Green LED
SYN GRN
Black
Red
White
Gray
Orange
Green

4.- Warranty and Service

The following warranty and service information applies only to the United States of America. For the information in other countries, please contact your local distributor.

To obtain in or out of warranty service, please prepay shipment and return the unit to the appropriate facility listed below.

Access Technologies International, Inc.
840 North Old World Third Street
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Fax: (414 289-3129
Email: ati@atiaccess.com
Web-site: www.atiaccess.com

OUTSIDE OF THE UNITED STATES

Visit our Web-site: www.atiaccess.com for your local representative.

Please use the original container, or pack the unit(s) in a sturdy carton with sufficient packing to prevent damage, include the following information:

1. A proof-of-purchase indicating model number and date of purchase.
2. Bill-to address
3. Ship-to address
4. Number and description of units shipped.
5. Name and telephone number of person to contact.
6. Reason for return and description of the problem.

NOTE: Damage occurring during shipment is deemed the responsibility of the carrier, and claims should be made directly to the carrier.